

# SEQUENCE LISTING

<110> MURPHY, GEORGE L.  
WHITLEY, J. PENN

<120> METHOD AND SYSTEM FOR DEPLETING rRNA POPULATIONS

<130> AMBI:076US

<140> UNKNOWN

<141> 2001-12-20

<160> 73

<170> PatentIn Ver. 2.1

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Primer

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Primer

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2001-12-20

<223> Description of Artificial Sequence: Synthetic  
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Primer

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Primer

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<210> 23  
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<213> Bacillus subtilis

<220>  
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1427

<210> 24

<211> 1544

<212> DNA

<213> *Bacillus anthracis*

<400> 24

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<210> 25

<211> 1449

<212> DNA

<213> *Enterococcus faecalis*

<400> 25

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<210> 26

<211> 1548

<212> DNA

<213> Lactococcus lactis

<400> 26

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<210> 27

<211> 1524

<212> DNA

<213> *Listeria monocytogenes*

<400> 27

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<210> 28

<211> 1555

<212> DNA

<213> *Staphylococcus aureus*

<400> 28

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<210> 29

<211> 1551

<212> DNA

<213> *Streptococcus mutans*

<400> 29

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<210> 30

<211> 1515

<212> DNA

<213> Streptococcus pneumoniae

<400> 30

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<210> 31  
 <211> 1335  
 <212> DNA  
 <213> Streptococcus pyogenes

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 ctccctacggg aggcagcagt agggaatctt cggcaatggg ggcaaccctg accgagcaac 300  
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<210> 32  
 <211> 1465  
 <212> DNA  
 <213> Mycobacterium avium

<220>  
 <221> modified\_base  
 <222> (298)..(881)  
 <223> N = A, C, G or T/U

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<210> 33

<211> 1536

<212> DNA

<213> Mycobacterium tuberculosis

<400> 33

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<222> (11)..(12)

<223> N = A, C, G or T/U

<400> 35

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<210> 36

<211> 1485

<212> DNA

<213> ACTINOBACILLUS ACTIN

<220>

<221> modified\_base

<222> (208)..(1476)

<223> N = A, C, G or T/U

<400> 36

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cttggggaatc tgtcttatgg agggggataa cgacgggaaa ctgtcgctaa taccgcgtag 180  
agtcgggaga cgaaagtgcg ggactttntg gccgcatgcc atgagatgag cccaagtgtg 240  
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gggttgtaaa gttcttttcgg tattgaggaa ggttggtgtg ttaatagcat gccaaattga 480
cgtaaatac agaagaagca ccggctaact ccgtgccagc agccgcggta atacgggggg 540
tgcgagcgtt aatcggaata actgggcgta aagggcacgt aggcggacct ttaagtgagg 600
tgtgaaatcc ccgggcttaa cctgggnatt gcatttcata ctgggggtct ggagtacttt 660
ngggagggnt agaattccac gtgtagcggg gaaatgcgta gagatgtgga ggaataccga 720
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<210> 37

<211> 1487

<212> DNA

<213> Haemophilus influenzae

<220>

<221> modified\_base

<222> (1)..(1387)

<223> N = A, C, G or T/U

<400> 37

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tgcttgggaa tctggcttat ggagggggat aacgacggga aactgtcgct aataccgcgt 180
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<210> 38

<211> 1532

<212> DNA

<213> *Bordetella bronchiseptica*

<400> 38

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```

<210> 39

<211> 1485

<212> DNA

<213> Bordetella parapertussis

<400> 39

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```

<210> 40

<211> 1464

<212> DNA

<213> Bordetella pertussis

<220>

<221> modified\_base

<222> (87)..(1391)

<223> N = A, C, G or T/U

<400> 40

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gaacgtgccc agtagcgggg gataactacg cgaaagcgta gctaataccg catacgccct 180
acgggggaaa gcgggggacc ttcgggcctc gcactattgg agcggccgat atcggattag 240
ctngttggtg gggtaacggc ctaccaaggc gacgatccgt agctggtttg agaggacgac 300
cagccacact gggactgaga cacggcccag nctcctacgg gaggcagcag tggggaattt 360
```









```

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agggtaaccg caaggagtcc gcttaccacg gtatgcttca tgactggggg gaagtcgtaa 1500
caaggtagcc gtaggggaac ctgcggctgg atcacctcct ttct 1544

```

<210> 45

<211> 1544

<212> DNA

<213> *Neisseria meningitidis*

<400> 45

```

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caaggtagcc gtaggggaac ctgcggctgg atcacctcct ttct 1544

```

<210> 46

<211> 1537  
 <212> DNA  
 <213> *Pseudomonas aeruginosa*

<400> 46

```

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gattgtaaag cactttaagt tgggaggaag ggcagtaagt taataccttg ctgtttgacg 480
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tagccgtagg ggaacctgcg gctggatcac ctccctta 1537

```

<210> 47  
 <211> 1467  
 <212> DNA  
 <213> *Vibrio cholerae*

<220>  
 <221> modified\_base  
 <222> (928)..(1464)  
 <223> N = A, C, G or T/U

<400> 47

```

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cctgggaaat tgcccggtag agggggataa ccattggaaa cgatggctaa taccgcataa 180
cctcgcaaga gcaaagcagg ggaccttcgg gccttgcgct accggatatg cccaggtggg 240

```

```

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aatattgcac aatgggcgca agcctgatgc agccatgccg cgtgtatgaa gaaggccttc 420
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tgtgaaagcc ctgggctcaa cctaggaatc gcatttgaaa ctgacaagct agagtactgt 660
agaggggggt agaatttcag gtgtagcggg gaaatgcgta gagatctgaa ggaataccgg 720
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```

<210> 48

<211> 1485

<212> DNA

<213> *Yersinia enterocolitica*

<220>

<221> modified\_base

<222> (1)..(1484)

<223> N = A, C, G or T/U

<400> 48

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tgtctgggaa actgcctgat ggagggggat aactactgga aacggtagct aataccgcat 180
aacgtcttcg gaccaaagtg ggggacctta gggcctcacg ccatcngatg tgcccagatg 240
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ggtggcgaag gcggccccct ggacaaagac tgacgctcag gtgcgaaagc gtggggagca 780
aacaggatta gataccctgg tagtcacgc tgtaaacgat gtcgacttgg aggttgtgcc 840

```

```

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```

<210> 49

<211> 2927

<212> DNA

<213> *Bacillus subtilis*

<400> 49

```

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gggaaaccca ccactcgtaa tggagtggta tccatatctg aattcatagg atatgagaag 180
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<210> 51

<211> 2912

<212> DNA

<213> *Enterococcus faecalis*

<400> 51

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<210> 56

<211> 2902

<212> DNA

<213> *Streptococcus pneumoniae*

<400> 56

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<210> 57

<211> 2901

<212> DNA

<213> Streptococcus pyogenes

<400> 57

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<211> 3107



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<210> 59

<211> 3138

<212> DNA

<213> Mycobacterium tuberculosis

<400> 59

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<210> 60

<211> 2903

<212> DNA

<213> Escherichia coli

<400> 60

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<210> 61

<211> 2903

<212> DNA

<213> *Klebsiella pneumoniae*

<400> 61

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<210> 62

<211> 2897

<212> DNA

<213> Haemophilus influenzae

<400> 62

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<210> 63  
<211> 2865  
<212> DNA  
<213> Bordetella bronchiseptica

<220>  
<221> modified\_base  
<222> (622)  
<223> N = A, C, G or T/U

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<210> 64

<211> 2865

<212> DNA

<213> Bordetella parapertussis

<220>

<221> modified\_base

<222> (624)

<223> N = A, C, G or T/U

<400> 64

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<210> 65  
 <211> 2864  
 <212> DNA  
 <213> Bordetella pertussis

<220>  
 <221> modified\_base  
 <222> (624)  
 <223> N = A, C, G or T/U

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<211> 2878

<212> DNA

<213> Burkholderia cepacia

<400> 66

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<211> 2882

<212> DNA

<213> Burkholderia pseudomallei

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<210> 70

<211> 2891

<212> DNA

<213> *Neisseria meningitidis*

<400> 70

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<211> 2891

<212> DNA

<213> Pseudomonas aeruginosa

<400> 71

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<212> DNA

10 <213> Streptococcus pyogenes

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55 <210> 34  
<211> 1536  
<212> DNA  
<213> Escherichia coli





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<210> 38

<211> 1532

<212> DNA

<213> *Bordetella bronchiseptica*

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